Electronic Acknowledgement Receipt				
EFS ID:	3510063			
Application Number:	10644859			
International Application Number:				
Confirmation Number:	6303			
Title of Invention:	ADSORPTION HEAT PUMP AND USE OF ADSORBENT AS ADSORBENT FOR ADSOPRTION HEAT PUMP			
First Named Inventor/Applicant Name:	Hiroyuki Kakiuchi			
Customer Number:	22850			
Filer:	Marvin Jay Spivak/Igmar Sorto			
Filer Authorized By:	Marvin Jay Spivak			
Attorney Docket Number:	241676US0XCONT			
Receipt Date:	24-JUN-2008			
Filing Date:	21-AUG-2003			
Time Stamp:	16:02:20			
Application Type:	Utility under 35 USC 111(a)			

# Payment information:

Submitted with Payment	no

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		241676USIDS1.pdf	4486543	ves	95
ı	241070031D31.pui	29ab7ec6c1c2d0327c0aac5ce4a289a7 015ee2b0	1 ' 1		

Multipart Description/PDF files in .zip description				
Document Description	Start	End		
Information Disclosure Statement Letter	1	1		
Information Disclosure Statement (IDS) Filed	2	2		
NPL Documents	3	12		
NPL Documents	13	21		
Foreign Reference	22	39		
Foreign Reference	40	65		
Foreign Reference	66	95		
	Document Description  Information Disclosure Statement Letter  Information Disclosure Statement (IDS) Filed  NPL Documents  NPL Documents  Foreign Reference  Foreign Reference	Document Description       Start         Information Disclosure Statement Letter       1         Information Disclosure Statement (IDS) Filed       2         NPL Documents       3         NPL Documents       13         Foreign Reference       22         Foreign Reference       40		

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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.